

CORRES. CONTROL  
OUTGOING LTR. NO.

Rocky Flats Plant  
Aerospace Operations  
Rockwell International Corporation  
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Contractor to U S Department of Energy

December 22, 1989

89-RF-4398

David P. Simonson  
Manager  
DOE, RFO

### MONTHLY UPDATE ON STATUS OF PONDCRETE OPERATIONS

This information is for the attention of Mark Van der Puy.

Attached is a status report for pondcrete operations from November 13, 1989 through December 10, 1989. Upon your approval, please forward this report to the Colorado Department of Health. Copies are also to be provided to EPA and the Rocky Flats Environmental Monitoring Council.

If there are any questions concerning the report, please contact Ed Naimon at 966-7900 or John Guadagnoli at 966-4885.

R. D. Sherrill, Acting Director  
Plutonium Operations

Orig. and 3 cc - D. P. Simonson  
Enc.

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DIST.	U	R	E
ANCHINI, D.J.	X	X	
DER, C.P.			
FURDT, R.J.	X	X	
INTZ, E.R.	X	X	
OO, R.C.			
EKER, E.H.			
NZER, J.E.			
BY, W.A.			
NETT, J.F.			
EYERS, G.W.			
DECKER, J.H.			
ANNON, W.M.			
ESTON, W.F.	X	X	
OZNIAK, B.D.			
XUNG, E.R.			

ITCHER, D.H.			
ARNVAL, G.J.			
ERRERA, D.W.			
ARMAN, L.K.			
EBERT, J.L.			
DEY, J.B.			
OFFMAN, R.B.			
AMANN, R.L.			
REG, D.M.	X	X	
UDENBURG, G.E.			
KIMLEY, K.B.	X	X	
AIMON, E.R.	X	X	
EWBY, R.L.			
JRNER, H.L.			
ELASQUEZ, R.N.			

CORRES. CONTROL	X	X	
ONTRACT ADMIN.			
FIELD	X	X	
DOAGNI, J.P.	X	X	
DOBS, F.F.	X	X	
CHENUS, E.D.	X	X	
FEED, F.G.	X	X	
CLINT, S.	X	X	
WILSON, V.	X	X	

CLASSIFICATION			
UNCLASSIFIED	X	X	
CONFIDENTIAL			
SECRET			

AUTH. CLASSIFIER SIG.

ATE

IN REPLY TO LTR. NO.

EC # 4398-35

TR APPROVALS

G. & TYPIST INITIALS

469 (Rev. 4/80)

ADMIN RECORD

Document Classification  
Review Waiver per RFP  
Classification Office

A-OU10-000149

STATUS REPORT  
FOR PONDCRETE OPERATIONS  
(November 13 through December 10, 1989)

o Building 788 (Processing Area)

Two hundred-four (204) acceptable blocks of pondcrete were repackaged into one hundred-two plywood boxes for shipment to the Nevada Test Site (NTS)

o Storage Pad 750

Ongoing inspection found two blocks of pondcrete which leaked material to the pad. The spill was contained and cleaned up immediately.

o Storage Pad 904

- Inspection revealed one block of saltcrete which released material to the pad. The spill was quickly contained and cleaned up.
- Approximately 30,000 gallons of precipitation runoff were collected by tanker truck and transported to Building 374 for evaporation.

o Other

Efforts have begun to install heated shelters on both pads to expedite inspection, repackaging and shipment of pondcrete from the pads. The first shelter should be erected by mid-January, which will significantly improve repackaging rates.

Analytical results from analysis of grab samples collected at the 750 and 904 pondcrete storage areas are summarized below. This report includes all data collected since September 21, 1989. The plant guide for nitrate discharges is 10 mg/l; for gross alpha 40 pCi/l; and for gross beta 50 pCi/l.

Table 1  
750 Pad Culvert

Sample Date	Nitrate mg/l	Gross Alpha pCi/l	Gross Beta pCi/l
10/11/89	1.54	11+11	11+18
10/18/89	1.59	-2+8	15+19
11/01/89	2.18	0+5	24+20
11/07/89	1.69	8+11	27+20

Table 2  
750 Pad Puddle Monitoring Data

09/21/89	4.92	1+7	14+18
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Table 3  
904 Pad Puddle Monitoring Data

09-21-89	25.1	14 $\pm$ 33	55 $\pm$ 22
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These data were gathered as part of the routine environmental monitoring conducted by the Environmental Management group to screen runoff waters from the pads. Care must be used in any interpretation of these data; the data are derived from grab samples taken in a dynamic system.

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